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University of Maryland at College Park

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OUTLOOK

March 26, 1990

Committee to Explore Opportunities for Blacks on Campus

President William E. Kirwan has appointed a new committee to take a comprehensive look at programs and practices that affect Black Americans at the university.

The president asked the group to assess the effectiveness of present programs aimed at achieving full participation of Black Americans in all aspects of campus life, recommend changes in deficient programs, and suggest new strategies to achieve the objectives on Black American participation outlined in the campus' Enhancement Plan.

"It is my hope that the report of the committee will delineate specific steps the campus should take so that it can be not just a leader in the percentage of Black Americans at the university, but also a national example of a fully integrated campus community," said Kirwan, who asked the committee to complete its work by the end of the fall 1990-91 semester.

Physics professor S. James Gates heads the committee. The president also asked Ray Gillian, assistant to the president, to assist the group. Gillian developed the recent *Access Is Not Enough* report that presents the status of various campus desegregation programs and suggests possible areas of new emphasis.

Members of the committee include: Vivian S. Boyd (Counseling Center), Monique W. Clague (Education Policy, Planning and Admin.), Mary E. Cothran (Minority Student Education), Irwin L. Goldstein (Psychology), Robert W. Griffith (Arts and Humanities), Kimya Jones (student, Black Student Union), Michael J. Martirano (Resident Life), John E. Osborn (CMPS), Don C. Piper (Govt. & Politics), Laura Randall (student), Eleanor V. Redmond (Student Affairs), Harry A. Eeabout (Building/General Services), Rev. Weldon Thomas (chaplain), Tony L. Whitehead (Anthropology). ■

—Roz Hiebert

Distinguished Scholar-Teachers to Present Lectures

Wayne Cole, professor of history, and Christopher Davis, professor of electrical engineering, will present the first two Distinguished Scholar-Teacher lectures on March 28 and April 4, respectively. Both Cole's lecture, "Franklin D. Roosevelt: Great Man or Man for his Times," and Davis' lecture, "Lasers: The Good, The Bad, and The Ugly," will be held in the Art/Sociology Lecture Hall (2203) at 4 p.m. A reception will follow both lectures in the Art/Sociology Atrium. Call 454-2530 for more information. ■

College of Engineering Among Nation's Best, Says New U.S. News & World Report Survey

The College of Engineering is in the top 13 percent in the nation among prestigious engineering graduate schools, according to a comprehensive new survey by *U.S. News & World Report* magazine.

The College was ranked 24th among the 192 accredited schools offering master of science and doctoral degrees in "America's Best Graduate Schools," a special report in the magazine's March 19th edition.

George E. Dieter, engineering dean, said: "Overall, I find the ranking very encouraging, especially when you separate out the public and private schools that are among the top 25. The survey shows the tremendous competition that exists among graduate schools of engineering in this country. It also shows that support for the college needs to be maintained so we can continue to build on the great progress we have made over the past several years."

Among the other top 25 graduate engineering schools are Massachusetts Institute of Technology, Stanford, Cornell, Carnegie Mellon, Harvard, Princeton and



Engineering Dean George E. Dieter

Purdue universities, and the universities of Illinois, California at Berkeley, Texas, Michigan and Southern California.

The weekly news magazine developed a system for ranking graduate and profes-

sional schools similar to the one it uses for the annual *U.S. News* survey of undergraduate education.

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Top Soviet Physicist Joins University as Distinguished Visiting Professor



Roald Sagdeev

Roald Sagdeev, a former director of the Institute of Space Physics in Moscow and one of the leading physicists in the world, will spend the next few months as a distinguished visiting professor in

the university's Department of Physics and Astronomy.

Sagdeev, who currently is head of the Theory Division of the Institute of Space Physics, will be participating in plasma and fusion research while at the university, in addition to collaborating on a chaos project with university researchers and another visiting professor from the Soviet Union, George Zaslavsky.

Sagdeev also will be presenting several seminars and public lectures while he is here, including lectures on arms control. He has served as science advisor to Mikhail Gorbachev on space and arms control at summits in Geneva, Washington and Moscow.

"We are very pleased to have Dr. Sagdeev here with us," says Chuan S. Liu, chair of the Department of Physics and Astronomy. "He is a man of science and a man of peace."

Liu and Sagdeev have known each other for a long time. Twenty years ago they met at a conference and began discussing their mutual interest in a problem in nonlinear plasma physics.

Sagdeev visited Liu for few days at UCLA, where Liu was working at the time. Eventually, after Sagdeev returned to the Soviet Union, they collaborated on a paper about the problem.

"It was a small but important paper," Sagdeev remembers. "We were fortunate because in general at that time it was difficult to collaborate with Americans. But plasma physics was a special area of previous collaboration starting back in the 1950s. That was nice for us."

Sagdeev is happy to be spending this time at College Park, in addition to the research and public lectures, he is looking forward to talking with students.

"I want to talk with students, including high school students," Sagdeev says. "Most exciting things are happening now in the world. We must not forget about the young generation."

On Thursday, March 29, Sagdeev will give his first public lecture titled "The Significance of Space for Science" at 4:00 p.m. in Room 1412 of the Physics Building. ■

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MIPS Grants Available for Maryland Firms

Applications are now being accepted for Maryland Industrial Partnerships (MIPS) matching grants. The deadline for the next round is May 1. MIPS supports scientific or technical research at the University of Maryland for product or process development designed to meet the specific needs of companies. Small firms are given extra assistance in the form of a lower requirement for matching funds. MIPS is an arm of the university's Engineering Research Center. All 11 Maryland campuses are MIPS participants. For more information, call Judith Mays at 454-1935.

Personnel Services Announces Spring Seminar Schedule

Training seminar offerings in the months of April and May from the Personnel Services Department include the following:

- Apr. 7—FAS;
- Apr. 11 and 12—Office Management for Secretaries;
- Apr. 17—Overview of Communication Services;
- Apr. 18, 25, May 2 (three consecutive Wednesdays)—Effective Writing;
- Apr. 26—Overview of Personnel Services;
- May 1—Career Counseling.

Watch for registration forms approximately four weeks prior to each seminar; call Rythe Wilkes at 454-4811 for further information.

RESEARCH HIGHLIGHTS

Amazon Deforestation Could be Irreversible According to Meteorology Study

A new study by the Center for Ocean-Land-Atmosphere Interactions (COLAI) in the Department of Meteorology has shown that most of the Amazon rain forest could disappear in 50 to 100 years if deforestation continues at the present rate.

An article detailing the one-year study appeared in the March 16 issue of the journal *Science*.

According to Jagadish Shukla—professor of meteorology and director of COLAI—a campus-based study, funded by NSF, NOAA, and NASA, used the NASA supercomputer at the Goddard Space Flight Center to project possible effects on climate caused by total deforestation of the Amazon basin.

"The Amazon rain forest is the largest forest in the world, and it is being destroyed at a devastatingly fast rate," says Shukla. "Our results show that if Amazon deforestation continues at the present rate, it will produce irreversible changes in climate that could make re-establishment of the tropical forests particularly difficult."

Shukla conducted the research with Carlos Nobre, an engineer and meteorologist with the Brazilian Space Research Institute and a visiting scientist at COLAI, and with Piers J. Sellers, an associate research scientist with COLAI.

According to Nobre, about 14,000 square miles of rain forest is destroyed in Amazonia each year and, according to some studies, 12 percent of the forest already has been destroyed through the slash-and-burn techniques used by farmers there.

The researchers used a newly developed coupled numerical model of the global atmosphere and biosphere to assess the effects of Amazon deforestation on the regional and global climate.



Jagadish Shukla

The study shows that when the tropical forests are replaced with pasture grass in the model, there is a significant increase in surface temperature and a decrease in evapotranspiration and precipitation over Amazonia.

According to the study, when forest is replaced with pasture, as is occurring in the Amazon basin, the land has a reduced ability to retain water. The effect is decreased rainfall, higher temperatures, a lengthened dry season, and increased

propensity for forest fires. This diminishes the possibility for re-establishment of forest.

According to the findings, a few significant changes in global circulation, particularly over North America, were evident in the model where Amazon deforestation was simulated. But because of a number of climatic fluctuations that naturally occur over this part of the world, more study will be necessary to determine if Amazon deforestation would have actual effects on North American climate. The authors of the study believe that the large change in the rainfall over the Amazon is likely to produce significant changes in global circulation, and they currently are conducting further studies to determine the nature of global changes due to Amazon deforestation.

"The lack of an extended dry season apparently sustains the current tropical forests, therefore, a lengthening of the dry season could have serious ecological implications for the Amazon forest," Sellers says.

The destruction of forest and probable resulting climate changes also could have adverse effects on other plants and animals in the region, the researchers say. The Amazon basin plays host to roughly half of the world's species of plants and animals.

"These results suggest that a complete and rapid destruction of the Amazon tropical forest could be irreversible," the researchers conclude. "Changes in the region's hydrological cycle and the disruption of complex plant-animal relations could be so profound, that once the tropical forests were destroyed, they might not be able to re-establish themselves." ■

—Fariss Samarrai

OUTLOOK

Outlook is the weekly faculty-staff newspaper serving the College Park campus community.

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Letters to the editor, story suggestions, campus information & calendar items are welcome. Please submit all material at least three weeks before the Monday publication. Send it to Roz Hiebert, Editor Outlook, 2101 Turner Building, through campus mail or to University of Maryland, College Park, MD 20742. Our telephone number is (301) 454-5335. Our electronic mail address is outlook@pres.umd.edu.



Skiff Awarded Sloan Fellowship

Frederick N. Skiff, an assistant professor in the Laboratory for Plasma Research and the Department of Physics, has been selected as an Alfred P. Sloan Research Fellow.

The fellowship provides a \$25,000 grant to support research during a two-year period. Skiff was nominated for the fellowship by the physics department and selected as a fellow by the Alfred P. Sloan Foundation.

Skiff specializes in bridging plasma physics with chaos theory. He plans to use the Sloan grant to help establish a Fundamental Plasma Physics Lab within the Laboratory for Plasma Research.

"I study particle interactions by launching electro-magnetic waves through a plasma of ionized gas," he says. "I try to determine where particles exchange their energy and how their motions become chaotic under certain conditions."

According to Skiff, an understanding of the conditions by which a wave sails through a plasma or is absorbed by that plasma, can lead to advances in fusion research.

"One of my experiments involves sending two waves through the plasma and then looking at the point at which they interact," Skiff says. "Such studies can also help us understand the movement of radio waves through the plasma which surrounds the Earth."

As an experimentalist, Skiff is also concerned with developing measurement techniques for complex processes such as Chaos. Some of the techniques he develops can have applications to other scientific experiments as well.

During his first year as a Sloan Fellow, Skiff will be released from teaching duties. He will use that time to conduct research and prepare grant proposals to

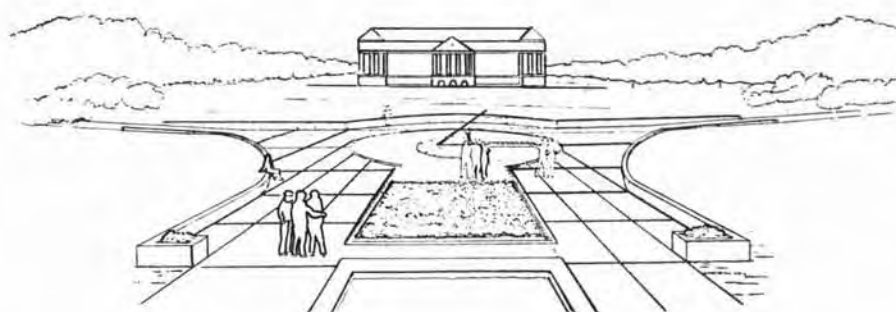


Frederick N. Skiff

various organizations for the additional funds needed to develop his lab. "I'm hoping the Sloan fellowship acts as a catalyst leading to other funding," he says. ■

Class of 1990 Plans Gift for McKeldin Mall

When Testudo looks out across the mall next semester, he may not believe his eyes. Not only will he see a five-tiered fountain on the east side, but also a new outdoor plaza in the center—to be called the Senior Forum—which will in part be funded by donations from the graduating class. The recently formed Senior Class of 1990 Gift Committee, sponsored by the Student Affairs Office, is hoping not only to help with the construction of the plaza, but also to re-establish a tradition of senior class gifts. Testudo himself was a class gift, but the custom has never been regular on the College Park campus. The Class of 1990 hopes to change that. For information or to assist in the effort call, Jon Herstein at 454-5251.



Statue of Former Regent Clarence Mitchell Unveiled



President William Kirwan unveils a statue of former regent Clarence Mitchell

A statue of the late Clarence M. Mitchell Jr., the national civil rights champion and former University of Maryland regent, was unveiled during a ceremony Wednesday, February 28, in the lobby of the Main Administration Building.

The final bronze statue, which will be located in front of the Mitchell Building facing Campus Drive, has yet to be cast from the fiberglass model that was unveiled in the ceremony.

The statue was created by Randall Craig, an associate professor in the Department of Curriculum and Instruction and a highly regarded sculptor.

During the ceremony, Craig joined President William Kirwan and former congressman Parren Mitchell, Clarence's brother, in praising the regent's work as a civil rights leader.

Kirwan spoke warmly about his association with Mitchell and said that honoring him was an historic event for the College Park campus.

Parren Mitchell echoed Kirwan's sentiment, noting how much had changed since 1954 when, as a graduate student, he became the first black student enrolled at the University of Maryland.

Kirwan also announced that an endowment fund has been created to support black students and "provide more Clarence Mitchell Jr.s. He had a remarkable career that touched the lives of many around the world," Kirwan said. ■

Committee Establishes Distinguished International Services Award

The International Affairs Committee, with approval from the academic vice president and provost, has established the first annual "Distinguished International Service Award" to be presented at the annual Convocation in October.

"A number of people who have contributed significantly to the growth of international programs at UMCP have retired in recent years, and a number of others will be retiring in the next few years," says Marcus Franda, director of International Affairs. "This award is a way of recognizing significant contributions to the university during the past few historic decades when international programs were being developed for the first time."

The main criteria for selection will be one or more significant contributions to the development of international programs at UMCP, backed by a distinguished professional career.

Nominations, which should be received by April 10, will be accepted from the president and vice presidents of the university, deans of all the colleges, as well as the deans of graduate and undergraduate programs, members of the Board of Regents, members of the

International Affairs Committee, faculty members and administrators.

The International Affairs Committee has established a sub-committee of three persons, including Grace Yang, professor of mathematics and committee chair; E. B. Smith, professor of history; and William Fournery, professor and chair of the Department of Mechanical Engineering, to consider the nominations and select two or three finalists.

Finalists will then be ranked by the International Affairs Committee and their names forwarded to Vice President for Academic Affairs Robert Dorfman for final selection.

A plaque will be presented to the recipient of the award each year. In addition, the names of the recipients will be engraved on a plaque to be placed in the Office of International Affairs.

Nominations should be sent to the Office of International Affairs at 1108 Benjamin Building.

The nomination should provide as much information about the nominee as possible and a statement outlining the reasons why the nominee should be presented with the award.

For more information, call 454-3008. ■

College of Engineering Celebrates Women's History Month

The College of Engineering is celebrating Women's History Month with a series of lectures and seminars designed to encourage more women to enter the engineering profession.

On March 14, the college's women faculty and the campus chapter of the student Society of Women Engineers (SWE) held a seminar on the pleasures of going to graduate school. The seminar was the repeat of a popular annual presentation aimed at increasing the number of women enrolled in engineering graduate programs here.

It was presented by faculty members Deborah J. Goodings (civil engineering), Hasna J. Khan (mechanical engineering), Kawthar A. Zaki (electrical engineering), Lourdes G. Salamanca-Young, Isabel K. Lloyd and Vicki M. Bier (materials and chemical and nuclear engineering), and Marilyn R. Berman, associate dean.

On Monday, March 26, Stephen G. Brush, who holds a joint appointment with the Department of History and the Institute for Physical Science and Technology, discusses the problems of

under-representation of women in engineering. Brush will speak at noon in Room 1128 of the Engineering Classroom Building.

On Tuesday, March 27 at 2 p.m. in the Engineering Lecture Hall, representatives of the U. S. Patent Office will present a lecture and slide show depicting women inventors and their contributions. The show is part of a special exhibition now on display at the Patent Office. A reception will follow in the Department of Civil Engineering Conference Room.

Members of the campus chapter of SWE have invited students from three area all-women high schools as their guests to the program.

On April 24, Mildred Dresselhaus, professor of electrical engineering at the Massachusetts Institute of Technology, will deliver a lecture in Room 1202. Dresselhaus has long been active nationally in efforts to bring more women into the engineering disciplines. A reception in the Civil Engineering Conference Room will follow her 3 p.m. lecture. ■

College of Engineering Receives High Ranking

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The system was developed based on months of interviews with scores of faculty members and deans at dozens of graduate schools, large and small, public and private.

It combines a subjective survey of academic reputation with objective data relating to the schools' selectivity in admissions, instructional and other resources, and its graduation patterns.

The survey considered the following key attributes of each school:

Student selectivity—the fall 1989 acceptance rates for masters' and Ph.D. programs and the percentage of students accepted who actually enrolled.

Instructional Resources—the proportion of full-time faculty holding Ph.D. degrees and the ratio of full-time Ph.D. candidates and M.S. students to full-time faculty.

Research—total dollar value of all private and public research conducted by the school during the last academic year, plus dollar value of sponsored research per faculty member involved in research. For UMCP that figure was \$21.3 million as compared with \$84.7 million at number one ranked Massachusetts Institute of Technology.

Academic reputation—based on questionnaires sent to two top officials at

every school plus a cross section of leading off-campus professionals including engineers. Off-campus practitioners were asked to choose the 15 schools in their discipline with the best reputations for producing outstanding professionals. Of the 7,298 questionnaires sent out, 3,437 were returned. ■

—Tom Otwell

Calendar

March 26 — April 4

Economics Professor Organizes Conference

Peter Murrell, professor of economics here and an authority on the economics of socialist countries, especially those of Eastern Europe, recently organized a conference of nine Western economists and 11 from the Soviet Union and Eastern Europe to discuss new approaches to analyzing the political economy of Eastern Europe. The March 12-16 meeting was held at the Rockefeller Foundation-owned conference center in Bellagio, Italy, and funded by the MacArthur Foundation. In addition to Murrell, College Park economists Mancur Olson and Dennis C. Mueller also attended the conference.



The Takacs Quartet will perform Sunday, April 1, 3 p.m., Center of Adult Education

26 MON

School of Architecture Alumni Exhibition, today through April 4, Architecture Gallery. Call x3427 for info.

Art Exhibition: "Contemporary Latin American Photographers," organized by Aperture Photography, through April 27, The Art Gallery, Art/Sociology Bldg. Call x2763 for info.

Horticulture Seminar: "Plant Quarantine Laboratory in Relation to the National Plant Germplasm System," Bruce Parliman, USDA, 4 p.m., 0128B Holzapfel Hall. Call x3606 for info.

Computer Science Colloquium: "Recent Results in Network Flows," James Orlin, MIT, 4 p.m., 0111 A.V. Williams Bldg. Call x4244 for info.

27 TUE

Registration Ends, for pre-season softball, doubles tennis. Call x3124 for info.

Employee Development Seminar: "Telephone Management," Jean Spanarelli, 9 a.m.-4 p.m., 0105 Center of Adult Education, \$40. Call x4811 for info.

Zoology Lecture: "Phylogeny and Evolution of Broad Headed Drosophilidae," David Grimaldi, American Museum of Natural History, noon, 1208 Zoo/Psych. Bldg. Call x3201 for info.

Music Faculty Recital, featuring William Montgomery, flutist, and Roy Hakes, pianist, performing Poulenc's Sonata for Flute and Piano, and solo works by Anne Koscielnny, piano, and Emerson Head, trumpet, 12:30 p.m., Tawes Recital Hall. Call x6669 for info.

Women's Lacrosse vs. Virginia, 3 p.m., Denton Field. Call x5854 for info.

Science, Technology and Society Lecture: "The Interplay of Human Values, Technology and Leisure," Philip Bosserman, Salisbury State U., 3:30 p.m., 2102 Shoemaker Bldg. Call x8862 for info.

Physics Colloquium: "Atomic Imaging and Thermodynamic Studies of Surface Flatness," Ellen D. Williams, 4 p.m., 1410 Physics Bldg. Call x3512 for info.

28 WED

Registration Begins, for outdoor volleyball. Call x3124 for info.

Counseling Center Research & Development Seminar: "Implications of Recent Research for Programs for Student-Athletes," Javaune Adams-Gaston, Cathy McHugh Engstrom, and William Sedlacek, noon, 0106 Shoemaker Bldg. Call x2937 for info.

International Agriculture & Life Sciences Colloquium: "Agricultural Extension in Taiwan: Updating a Successful System," O. Donald Meaders, Michigan State U., noon, 0115 Symons Hall. Call x4933 for info.

International Coffee Hour, 3-4:30 p.m., 0205 Jimenez Hall. Call x4925 for info.

Science, Technology and Society Film Discussion, featuring Steven Fetter on "Dr. Strangelove," 3 p.m., 0220 Jimenez Hall. Call x5893 for info.

Women's Lacrosse vs. Richmond, 3:30 p.m., Denton Field. Call x5854 for info.

Distinguished Scholar-Teacher Lecture: "Franklin D. Roosevelt: Great Man or Man for His Times," Wayne Cole, 4 p.m., 2203 Art/Soc. Bldg., reception to follow in Art/Soc. Atrium. Call x2530 for info.

Astronomy Colloquium: "Women in Astronomy: 1840 to Present," Vera Rubin, Carnegie Institute of Washington, 4 p.m., 1113 Computer & Space Sciences Bldg. Call x3005 for info.

Art History Lecture: "The Language of Criticism: Its Effect on Georgia O'Keeffe's Art in the 1920s," Barbara Buhler Lynes, 4 p.m., 2309 Art/Soc. Call x3431 for info.

29 THU

Pre-Retirement Seminar, today and tomorrow, 9:30 a.m.-3 p.m., 0105 Center of Adult Education. Call x6312 for info.

Housing and Design Lecture and Discussion: "Design History and Practice: Is There Room for Diversity?" Judith Moldenhauer, U. of Michigan, 11 a.m., 1413 Marie Mount. Call x6267 for info.

Career Development Center Program: "Salary Negotiation for Women," 12 noon-1 p.m. presentation; 1-1:30 p.m., question and answer session, 3108 Hornbake, South. Call x2813 for info.

Art Department Minorities & Women Lecture, featuring Houston Conwell, New York City artist, 12:30 p.m., Art/Sociology Bldg. Call x0344/5 for info.

Systems Research Center Colloquium: "Intelligent Systems for Computer-Integrated Manufacturing," Michael Fehling, Stanford U., 3-4 p.m., 1100 ITV Bldg. Call x5880 for info.

Meteorology Seminar: "Sparse Sampling of Tracer Plumes," J. Z. Holland, 3:30 p.m., 2114 Computer & Space Sciences Bldg. Call x2708 for info.

Women's Studies Poetry Reading and Book Signing: "Crime Against Nature," Minnie Bruce Pratt, poet and essayist, 4 p.m., Katherine Anne Porter Room, 3rd floor, McKeldin, reception will follow. Call Jevera Temsky at x3841 for info.

Physics and Astronomy Lecture: "The Significance of Space for Science," Roald Z. Sagdeev, distinguished scientist from U.S.S.R., 4 p.m., 1412 Physics Bldg. Call x4692 for info.

College of Computer, Mathematical and Physical Sciences Talk: "Making Scientific Advancement Accessible to the General Public," Kathy Keeton, Publisher OMNI Publications, location and time TBA. Call x4906 for info.

Reliability Engineering Seminar: "Reliability of Emerging Solid-State Electronics," Aristos Christou, Naval Research Lab, 5:15-6:15 p.m., 2115 Chemical & Nuclear Engineering Bldg. Call x1941 for info.

International Security Studies Conference: "The Changing Context of Security," 5:30-9:30 p.m. today, 8:30 a.m.-5:45 p.m. tomorrow, featuring keynote speaker Rozanne Ridgway, The Atlantic Council, and luncheon speaker Dennis C. Pirages, Stamp Union, \$25 standard admission, \$10 students & faculty. Call x1906 for info.

Hoff Theater Movie: "Fabulous Baker Boys." Call x4987 for info.

30 FRI

Experiential Learning Programs Presentation: Feminist Internship Opportunities, 10 a.m., 0119 Hornbake. Call x4767 for info.

Linguistics Colloquium: "A Paradox Concerning the Extraction of Secondary Predicates," Guglielmo Cinque, U. of Venice, noon, 0109 Hornbake Library. Call x7002 for info.

Department of Computer Science Brown Bag Panel Discussion: (Beverages and dessert provided) "Women in Computer Science: Don't Stop Now," 12 noon, room (2132 UMIACS Interaction Room), A.V. Williams. Call x2002 for info.

Mental Health Lunch 'N Learn Conference: "Behavioral Approaches to the Treatment of Obsessive Compulsive Disorders," Charles Mansueto, Bowie State U., 1-2 p.m., 3100E Health Center. Call x4925 for info.

Center for Manufacturing Engineering and Management Lecture: "Technology, Quality, and Computer-Integrated Manufacturing: the Challenge and the Opportunity," Lester Gerhardt, Rensselaer Polytechnic Institute, 2:30 p.m., Volunteer Fire Fighters Room, Center of Adult Education. Call x6553 for info.

Hoff Theater Movie: "Fabulous Baker Boys." Call x4987 for info.

31 SAT

University Community Concerts: Tallis Scholars, featuring a cappella choral music of the English Renaissance, 8 p.m., National Presbyterian Church, \$16.50 standard admission, \$14 seniors and students, free seminar at 6:30 p.m. Call x6534 for info.

Hoff Theater Movie: "Fabulous Baker Boys." Call x4987 for info.

APRIL

1 SUN

Wanderlust Travelogue Film: "Grecian Odyssey," by Clint Dean, 3 p.m. today, 7:30 p.m. tomorrow, Hoff Theater, \$5 general public, \$4 faculty, staff, alumni & seniors, \$2 students. Call x4987 for info.

University Community Concerts: "Takacs Quartet III, featuring Mozart's String Quartet in A Major, K. 464, Bartok's String Quartet No. 6, and Schubert's String Quartet No. 8 in B-flat Major D. 112, 3 p.m., Center of Adult Education, \$15 standard admission, \$12.50 seniors and students, free seminar at 1:30 p.m. Call x6534 for info.

Hoff Theater Movie: "Fabulous Baker Boys." Call x4987 for info.

2 MON

International Affairs Conference: "Preparing for an International Decade: UMCP in the 1990s," featuring opening remarks by President Kirwan, 8 a.m.-5 p.m., Founders Room, Center of Adult Education. Call x3008 for info.

Horticulture Seminar: "The Ethylene Biosynthesis-inducing Endoxylanase: Purification and Physical Characteristics and Possible Role in Plant Pathogenesis," Jeffrey Dean, USDA, 4 p.m., 0128B Holzapfel Hall. Call x3606 for info.

Computer Science Colloquium: "A Computational Basis for Phonology," David S. Touretzky, Carnegie Mellon U., 4 p.m., 011 Classroom Bldg. Call x4244 for info.

3 TUE

Registration Closes, for outdoor volleyball. Call x3124 for info.

Zoology Lecture: "Adaptive Significance of Infant Care Behavior by Non-Reproductive

Golden Lion Tamarins," Andy Baker, noon, 1208 Zoo/Psych. Bldg. Call x3201 for info.

History Department Revolutions Lecture: "The Significance of the English Revolutions of the Seventeenth Century," Lawrence Stone, Princeton U., 3 p.m., place TBA. Call x2843 for info.

Hoff Theater Movie: "Das Boot." Call x4987 for info.

4 WED

Registration Begins, for team horseshoes. Call x3124 for info.

Employee Development Seminar, "FAS Training," 9 a.m.-noon, Maryland Room, Marie Mount Hall. Call x4811 for info.

Counseling Center Research & Development Seminar: "Current Issues for Jewish Students on Campus," Rabbi Robert Saks, noon, 0106 Shoemaker Bldg. Call x2937 for info.

International Coffee Hour, 3-4:30 p.m., 0205 Jimenez Hall. Call x4925 for info.



Writers Here and Now Poetry Reading, featuring Phillis Levin reading from her works, 3:30 p.m., Katherine Anne Porter Room, McKeldin Library. Call x2511 for info.

Distinguished Scholar-Teacher Lecture: "Lasers: The Good, The Bad, and The Ugly," Christopher Davis, 4 p.m., 2203 Art/Soc. Bldg., reception to follow in Art/Soc. Atrium. Call x2530 for info.

Horticulture Seminar: "Molecular Studies of Catalase in Ripening Tomato Fruit," Gordon Inamine, USDA, 4 p.m., 0128B Holzapfel Hall. Call x3606 for info.

Architecture and Horticulture Lecture: "The Education of a Landscape Architect," Dan Kiley, F.A.S.L.A., 8 p.m., Architecture Auditorium. Call x3427 for info.

Early American History Seminar: "Destined for Disappointment: Scottish Sojourners in Jamaica and the Chesapeake, 1740-1820," Alan Karras, Georgetown U., 8 p.m., 2136 Stamp Union. Call x2843 for info.

Hoff Theater Movie: "Das Boot." Call x4987 for info.

* Admission charge for this event. All others are free.

Calendar information may be sent to John Fritz, 2101 Turner Laboratory or (via electronic mail) to jlfritz@pres.umd.edu.

Funds Available for New Study Abroad Programs

The Study Abroad Office with support from the Vice President for Academic Affairs has established grants to support faculty who wish to develop new study—abroad programs. These grants of up to \$4,000 may be used for development costs, travel, seed money and in some cases, faculty compensation. Funds must be expended by June 30, and the deadline for submitting proposals is April 1. For more information, contact Richard Weaver, International Studies Coordinator, at 454-8645 or Valerie Woolston, director of International Education Services, at 454-3043.

Two Graduate Students Win Engineering Society Grants

Two graduate students in the Department of Mechanical Engineering have recently been awarded grants-in-aid from the American Society of Heating, Refrigeration and Air Conditioning Engineers. The grants, worth \$6,000 each, were awarded to Jeong Hun Kim, a masters' degree student working with mechanical engineering professor Reinhard K. Radermacher on a project focusing on alternative refrigerants, and Sen Hu, a Ph.D. student whose specialty is compact heat exchangers. His faculty advisor is Keith Herold. Two other graduate students, David Aaron and Milid V. Rane, also have won ASHRAE grants.

ARTS AT MARYLAND

Hudson Leads University Orchestra to New Levels of Excellence

Some have said that you can hear all the harmonies of the universe coming together in the great fugal finale of Mozart's Symphony No. 41, "The Jupiter."

While it may be somewhat exalted to claim that all the harmonies of the universe are also coming together for the University of Maryland Symphony Orchestra these days, when the group plays "The Jupiter" at its upcoming concert on April 5, the audience can't fail to hear its new level of professionalism and musical excellence.

Also on the April 5 program will be the Brahms "Variations on a Theme by Haydn," conducted by assistant conductor Young Kwon Choi. The concert will take place in Tawes Recital Hall beginning at 8 p.m.

Conductor William Hudson says the orchestra's improvement began three years ago, when funding for graduate assistantships in the orchestra became available. Currently there are 17 such graduate students in the orchestra, 14 string players and three winds. They have impressive credentials—training from such institutions as Juilliard, concertizing experience in Europe, and in some cases, solo careers.

Hudson says these young musicians (typically aged from mid-20s to mid-30s) are at an important transition in their careers, moving ahead towards being professional orchestra players, becoming university faculty members, or both. Some are also seeking instrumental solo careers, such as violinist Leonid Sushansky, who will be entering the Indianapolis Competition this spring.

"Our music faculty does their best to help these students be realistic about their music careers by telling them exactly what they're in for—and then if they still want to go ahead, we do everything we can to help," says Hudson.

Hudson's outlook is positive about the performing music program at College Park, and he cites as his reasons the new interest and concern for the orchestra and opera program that has been expressed by the funding of tuition waivers and the generally supportive attitude of the administration. "It has made for constant growth, constant improvement," he says. There are more instrumental teachers now as well as the opportunity for students to play new and interesting music, such as in the small chamber orchestras for the three new operas presented last fall.

The biggest musical need of the university now is a good performing place, says Hudson. To work around this problem temporarily, arrangements have been made for use of the Terrace Theater in the Kennedy Center for several Maryland Orchestra concerts next season: on Oct. 6 faculty violinist Daniel Heifitz will perform Vivaldi's *Four Seasons* with the group; and April 1991 will bring three concerts that will include Heifitz playing the Beethoven Violin Concert and faculty pianists in the Mozart Double Piano Concerto.

Sooner than that and closer to home in Tawes Recital Hall, after the April 5 performance, Hudson says to watch for the orchestra playing in the May 4 Artist Scholarship Benefit concert with faculty baritone Dominic Cossa and in an October 19 performance that will feature Heifitz playing the Beethoven concerto and Prokofiev's "Peter and the Wolf," narrated by President William E. Kirwan.

Improving the quality of an orchestral group is not a new skill for Hudson. As music director and conductor of the Fairfax Symphony Orchestra, he has brought that group into musical prominence with famous soloists and increased subscription concerts.

His lifetime commitment to music began young, with first the piano and then the clarinet. His musical training was centered in Philadelphia, at its Conservatory, Musical Academy, Curtis Institute and University of Pennsylvania. After a stint in the famous Seventh Army Symphony, he moved into conducting while a graduate student at Yale. As a conductor, he has had extensive experience, including many years with the Washington Ballet—"Until I just couldn't take another 'Nutcracker!'" His wife also enhances the local performing scene as a horn player with the Washington Opera.



Conductor William Hudson rehearses the University of Maryland Orchestra

Hudson sees the Washington musical environment as—like the Maryland Orchestra—getting better and better. With all the enriching opportunities to attend and be involved in musical offerings, "College Park is a place where music students should be," he says.

And what about future plans for the orchestra? "Building from our current 50 players to 75 by next year, so that we can perform a greater variety of music,

including those late nineteenth-century and twentieth-century pieces that require a large orchestra," says Hudson. "Some day I would really like to conduct the University of Maryland Symphony Orchestra in Mahler's Symphony No. 2 and Stravinsky's 'Rite of Spring,'" he confides.

Call 454-6669 for information about the free April 5 concert. ■

—Linda Freeman

Asian Cinema To Be Featured in College Park Film Series



A scene from the Chinese film "Woman Demon Human," which will be shown on campus March 28 as part of an Asian film festival.

College Park audiences will have an opportunity to explore the rich world of Asian film this spring through a series sponsored by the Committee on East Asian Studies and the Department of Radio, Television and Film.

The series will begin with the screening of two films produced in the People's Republic of China at 7 p.m. Wed., March 28, in room 0220 of Jimenez Hall. The series will run six weeks and feature Chinese, Korean and Japanese films.

The first film in the series, "Woman Demon Human," produced by China's largest film studio, Shanghai, focuses on the experience of a female opera star who specializes in playing male roles. Featuring resplendent costumes, the film examines the changing role of women in Chinese society. A second film, to be announced, will accompany "Woman Demon Human."

The Taiwanese film, "Super Citizen," will be shown at 7 p.m. Wed., April 4. Directed by Wan Jen, a leader among Taiwan's New Wave filmmakers, "Super Citizen" centers on the experience of a young man who journeys to the city of Taipei in search of his lost sister. Through the man's encounter with other dispossessed youths in the city, Wan Jen provides insights into the youth culture of Taiwan.

A reception will follow the showing of this film.

"Rouge," a film produced in Hong Kong, will be shown at 7 p.m. Wed., April 11, in Rm. 0220 of Jimenez Hall. Featuring a supernatural element characteristic of many Asian films, "Rouge" tells the story of a ghost that enlists the aid of a clerk in the classified section of a newspaper to search for her missing lover.

"Peemak" (The Death Cottage), a South Korean film, will be shown at 7 p.m. Wed., April 18, in Rm. 0220 of Jimenez Hall. The film centers on a

shaman who must avenge an unhappy spirit that haunts a noble family.

"Shall the Cuckoo Sing at Night," a Japanese Yakuza film featuring Tatsuya Nakadai, will be shown at 7 p.m. Wed., April 25, in Rm. 0220. Yakuza is a popular genre of Japanese gangster films. "Shall the Cuckoo Sing at Night" tells the story of woman seeking to rescue her husband from prison.

The series concludes with the Japanese film "Zigeunerweisen" at 7 p.m. Wed., May 2, in Rm. 0220. The title is derived from Pablo de Sarasate's violin piece of the same name and delves into the bizarre lives of five men and women whose existences takes on a ghost-like quality.

Gina Marchetti, assistant professor of radio, television and film, says that movie-goers unfamiliar with Asian cinema will likely find themselves pleasantly surprised by the series.

"The technical virtuosity of these films is excellent. These films have a high level of sophistication. 'Rouge' will bowl some people over," she says.

The selection for the series highlights several distinctive characteristics of Asian cinema, according to Marchetti.

Asian films, more than Western films, tend to center on female characters, she says. Also, elements of the supernatural are a part of many Asian genres.

Each film will be presented with subtitles. Admission is free. ■

Late Dean of Women to be Honored

Adele Hagner Stamp, scholar, educator and dean of women at the university, will be posthumously inducted into the 1990 Maryland Women's Hall of Fame at a ceremony on March 27 at 5 p.m. in the State House Lobby, Annapolis. Sponsored by the Maryland Commission for Women, the event will also honor state treasurer, economist and educator Lucille Maurer; civil rights activist and past president of the national NAACP Enolia McMillan;

civil rights worker, writer, poet and Episcopal priest Pauli Murray; and the originator of the first bookwagon and pioneer for lifetime education and literacy, Mary Lemist Titcomb. Stamp was nominated for the Hall of Fame by the College Park Branch—which she had founded in 1929—of the American Association of University Women. For information about the March 27 event, call (301) 333-0054.

CLOSE UP

Warren Tracks Career of Legendary Choreographer



Larry Warren

In the late 1950s, as a young man trying to earn a living as a dancer, Larry Warren joined the cast of a pageant commemorating California's statehood. The pageant's choreographer was an absolute pain in the leg named Anna Sokolow.

As Warren, now professor of dance at College Park, recalls, Sokolow's demanding methods drove at least one dancer to drink.

"She worked us so hard on a cement floor that everybody's legs hurt for weeks afterward. When I took the job, I was a health food fanatic; by the time it was finished, I was drinking a six-pack a night," Warren says.

But Warren bears no ill will toward the choreographer. He follows the story by speaking of another encounter with Sokolow.

"In 1955, I saw the Broadway premiere of Anna's most famous work, *Rooms* and, without exaggerating, it changed my life. I was 23 years old, had just come to New York from California and didn't have any idea where I fit in the modern dance world. After seeing that production, I began to understand where I might make my contribution. Anna introduced me to the idea of digging into one's self—into your own passions, anger and sense of joy—and putting these feelings forward in movement."

In many ways Warren's youthful exposure to Sokolow's methods and works, encapsulate the style and widespread influence of an artist who celebrated her 80th birthday in February. Although she has sometimes antagonized and frustrated colleagues with her methods, she is, in Warren's view, among the most important figures in modern dance.

Warren tells her story in a forthcoming biography, *Anna Sokolow: The*

Rebellious Spirit, that will be published next year by Princeton Books. In the book, Warren recounts some of the milestones of Sokolow's career in the commercial theater such as her tumultuous tenure as the first choreographer for the rock musical, *Hair*, and her creation of a tremendously influential approach to dance, an approach analogous to Method acting.

In all, it is the story of a fascinating artist who, for more than six decades, has conducted her work with exemplary commitment.

Warren was inspired to compile the dancer's story during Sokolow's 1978 visit to College Park. Sokolow came to the campus to work with Maryland Dance Theater, a company in residence (1971-87) and directed by Warren and his wife, Anne, also a professor of dance.

"We were sitting at home, visiting with Anna and it just suddenly occurred to me—here is a great artist whose story should be told. Out of the blue, I popped the question; I asked her if I could write her biography," Warren says.

"It took about two years for her to come around to the idea. She asked people, 'Who is this Larry Warren? Can I trust him?'"

As it turned out, Warren had a track record as a biographer, having previously written a book on choreographer Lester Horton, teacher of the famed black choreographer, Alvin Ailey. Once Sokolow warmed up to the project, she became quite hospitable, even providing Warren with a set of keys to her New York apartment to help him cut expenses while conducting research in the city.

"She also gave me access to her closet," Warren says. "This hall closet is famous throughout the dance world. It's where she keeps films, reviews, programs, tapes. There's material there that



Anna Sokolow in a 1958 photograph by Lionel Freedman

you can't find anywhere else."

Through more than 100 interviews, extensive research, trips to Israel and Mexico (two countries where Sokolow introduced the principles of modern dance) and several long sessions rummaging around in the closet, Warren traced the dancer's life.

Born to immigrant parents in 1910 in Connecticut and raised on Manhattan's Lower East Side, Sokolow received her introduction to dance through New York's Settlement House program. The youngster showed an immediate aptitude for the art form and had the good fortune to be referred to the Neighborhood Playhouse where she came under the instruction of pioneer dance teacher and instructor Martha Graham.

When Graham founded her first dance company, she invited Sokolow, then a teen-ager, to join. In the company, Sokolow studied the art of choreography with Louis Horst. Sokolow was Horst's star pupil. In her early 20s, she formed her own dance company in which she worked as dancer and choreographer.

It was as a choreographer that the tiny woman, barely over five feet tall, began making a large impression in the dance world. An advocate of dance that

emanated from a performer's inner life, Sokolow's approach to choreography paralleled a similar movement in theater—Method acting.

Through Sokolow's work, dancers and choreographers were introduced to an approach that expanded the range of emotions expressed in performance and provided a vehicle for dancers to examine contemporary society. Theatrical disciples of the Method found the dance perspective of the technique valuable. As a consultant for the Actors Studio, the central workshop of Method acting, Sokolow worked with such film and theatrical figures as Julie Harris, Marlon Brando, Eli Wallach and Elia Kazan.

Rooms, produced in 1955, was Sokolow's most influential work. An examination of the alienation of life in a modern metropolis, the piece centered on the fantasy lives of solitary people.

The piece significantly influenced choreographer/director Jerome Robbins in the development of *West Side Story*, a play that set new directions for dance in the popular theater, Warren says.

In the 1960s, Sokolow made a more direct contribution to popular theater—she was the original choreographer for *Hair*. Her efforts, however, were salted with a controversy that has left her with a paltry share of the credit due her, Warren says.

From the beginning of the production, Sokolow and director, Gerald Freedman, were at odds over the staging of the show. Little more than a month before the play was scheduled to open, Freedman left the show leaving Sokolow as both director and choreographer.

Sokolow served in this role for three weeks, until two days before opening night, when producer Joseph Papp saw a poor rehearsal. Finding problems with the staging, Papp urged Freedman to return to the production. The prodigal director came back but with one stipulation—that Sokolow leave.

After Sokolow's dismissal, a story was circulated on Broadway that Freedman, upon his return, totally revised the shown and that Sokolow had virtually no influence on the final shape of the musical. Warren disputes that assessment, seeing it more a product of public relations than reality. Warren's research, however, shows that much of Sokolow's work did in fact appear in the final product at Papp's theater.

"She has shortcomings," Warren says. "But they are overshadowed by the important influence she has had on both ballet and modern dance. She made us aware that dance can and should come from inside the performer and that the creator of dance works has the responsibility to make that possible." ■

—Brian Busek

Expert To Discuss Excavation of Shakespeare's Globe

For centuries scholars have been able only to speculate about physical characteristics of the theaters in which Shakespeare's plays were originally performed. But now, through recent archaeological discoveries of remains of Shakespeare's Globe Theater and Philip Henslowe's nearby Rose Theater, scholars are making strides in the reconstructing of the Elizabethan theater. Andrew Gurr, professor of English at the University of Reading in England and one of the world's foremost scholars of Elizabethan theater, will report on the progress of the excavations in a lecture at 3:30 p.m. Thurs., March 29, in Rm. 2309 Art/Sociology Building. The lecture is sponsored by the Center for Renaissance and Baroque Studies and the Department of English.

OUTLOOK

March 26, 1990

College of Education to Sponsor Conference on International Decade

The College of Education in cooperation with the Office of International Affairs is sponsoring an all-day conference April 2 on "Preparing for an International Decade: UMCP in the 1990s" at the Founders Room of the Center of Adult Education. President William E. Kirwan will present the keynote speech at 8:30 a.m. For more information call 454-3008.

COLLEGE PARK PEOPLE

Terry Cassidy: A Different Kind of CPA

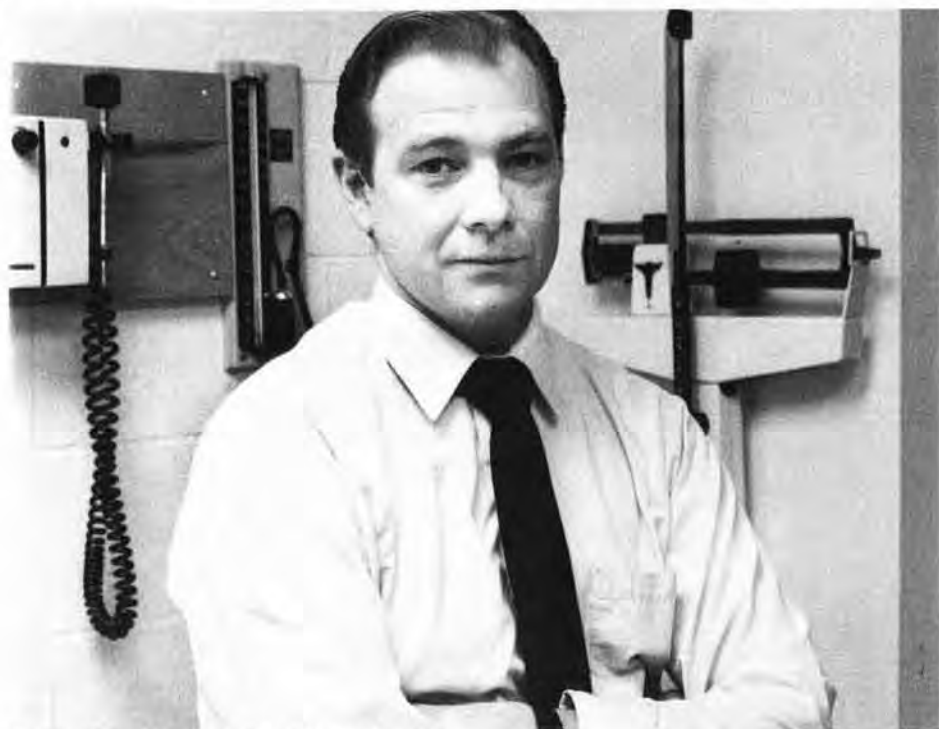
The room in the basement of the Health Center has all the trappings of a doctor's office. An examination table is pushed against one wall, a stethoscope hangs from a scale, a jar of wooden tongue depressors sits atop a chocolate-brown four-drawer file cabinet.

In the in-box, waiting to be read, are journals with no nonsense titles like *Occupational Health and Safety*.

The office belongs to **Terry Cassidy**, a certified physician's assistant, one of four who work out of the campus health facility. Cassidy works under the supervision of a physician and can do virtually everything a doctor does except write prescriptions for medication. He takes physical histories, does evaluations, makes diagnoses, and carries out treatment regimens as needed.

Cassidy's particular focus is occupational health, and he is the campus specialist in this field. He is concerned with the health of individuals who are working with or around and might be contaminated by hazardous material. He conducts medical surveillance examinations, collects baseline information and carries out batteries of tests.

Pesticides are his chief concern here, he says. Three years ago, he developed a pesticide surveillance program that since has become a model for other universities. Campus workers are given initial medical examinations and then are monitored on an on-going basis. They in-



Certified Physician's Assistant Terry Cassidy

clude grounds crew, horticulturalists, staff of the Harrison Laboratory greenhouses, employees at university-owned and operated farms, and others who may use or come into contact with pesticides.

Cassidy, who has been with the university for six years, earned a B.S. degree in general biology here in 1977 and a B.S. in medicine from Western Michigan University in 1980. His initial

interest in medicine began during a two-year hitch as an Army medic. Currently, he holds the rank of ensign in the U.S. Navy Medical Service Corps Reserve.

To remain certified as a physician's assistant, he, and other CPAs, must show proof of one hundred continuing hours of medical education each two years. Every six years CPAs must pass a day-long written test.

Cassidy's interests extend beyond occupational health and safety. Three years ago he asked members of the Health Center staff to donate used clothing for the homeless in Washington, D.C. During the Christmas season, he collected the contributions and delivered them to a shelter. Two years ago he spearheaded a drive to collect toys for children at St. Anne's Home.

Last Christmas the project had taken on a life of its own and had spawned a similar one operated by the department of physical plant. Cassidy continues to seek donations of used clothing and says they can be dropped off at the front door of his office any time.

The homeless are not Cassidy's only interest. In 1974 he signed up in the platelet phoresis program operated by the National Institutes of Health. Blood donations are used for patients with leukemia and other blood-related diseases. Two years ago, Cassidy signed up in the bone marrow donation program. In the evenings, he works at a county-operated drug rehabilitation unit in Gaithersburg.

And, if that weren't enough, here recently delivered a lecture to the National Turf Grass Association's convention in Baltimore on Lyme Disease, the bacterial infection caused by the bite of a deer tick. ■

—Tom Otwell

Adult Learner Emergency Fund Established to Offer Financial Assistance

Co-coordinators Barbara Goldberg and Beverly Greenfeig of the Returning Students Program, a service of the university's Counseling Center, recall feeling elated and also relieved when they first got the news that they would be able to offer financial assistance to those adult learners facing emergency situations.

"...I've come a long way and graduation is in sight, and I'll take fatigue over despair any day."

—Recipient of the Adult Learner Emergency Fund

"You don't know what a thrill it is to be able to tell a returning student who is facing a real financial emergency, that, no, you won't have to drop out of school because of this, and, yes, we will be able to help you," says Goldberg.

"These are people who are used to having doors slammed in their face," adds Greenfeig, "because they may not meet the same financial aid criteria as that needed by traditional students."

It was the hope of Nancy Schlossberg of the Department of Counseling and

Personnel Services, to "give support when it was needed," by establishing the \$1,500 first-year fund through her late father's S. Irwin Kamin Foundation.

Schlossberg, a long-time advocate of the adult learner, wanted the emergency fund to respond to needs "quickly and efficiently" with little red tape involved.

"I wanted to make a difference in the lives of adult learners," she says, simply. "Especially those in emergencies who are often caught in the middle of work, family and social pressures."

The money is available to any returning student facing an unexpected financial crisis, such as an illness in the student's immediate family.

"Many of our adult learners are budgeted so closely that any unanticipated financial emergency can be devastating," says Goldberg.

Schlossberg first had the idea of establishing the emergency fund when she received a \$100 award from the American College Personnel Association and decided to hand over that \$100 to an adult learner facing a financial emergency. The money went to a woman who had lost her health insurance and was in need of money for medicine for one of her three small children.

"I realized that there was a need to establish a systematic way that adult learners could get small amounts of



Nancy Schlossberg

money to help in difficult situations," she says.

That's when she decided to offer emergency funding through her late father's foundation.

"We know that this works," says Greenfeig, who recalled a recipient of prior emergency funds, who had overcome years of alcoholism and compulsive overeating, as well as several suicide attempts, to return to college and begin building a new life.

Suddenly, she found that her tight budget would not stretch into the final few weeks of last fall's semester and that she would have to withdraw from the university.



Barbara Goldberg and Beverly Greenfeig

The emergency funds enabled her to remain in school.

In expressing her thanks, the woman wrote to Goldberg and Greenfeig soon after, that "life is very tiring right now with school (16 credits, while maintaining a 4.0 GPA), work (30 hours), therapy twice a week and constant OA and AA meetings. But I've come a long way and graduation is in sight, and I'll take fatigue over despair and obsession any day."

"I will graduate in May," she continued, "and I thank you for your part in that. Life is great and I'm very glad I was able to stick around for it." ■

—Lisa Gregory

Jobs Making Campers Happy

The annual Summer Camp Fair, sponsored by the Job Referral Service, will be held this year on March 28, 29 and 30 in Room 3120, Hornbake Building. During that time recruiters for counselors and support staff from summer camps across the country will be available to meet with interested students. Those interested should stop by the office or call 454-2490 for more information.

Campus Senate to Hold Opening Hearings on Proposals for New Grading System

The Campus Senate Adjunct Committee on Academic Procedures & Standards will hold opening hearings to discuss proposals to change to a plus/minus grading system at the undergraduate and graduate levels (i.e., A, A-, B+, B-, etc.). If you wish to speak at the hearing, March 28, 1-3 p.m. and March 29, 1:30-3:30 p.m. in room 2111 of the Stamp Union, please call and register with the Campus Senate Office. Written comments on proposals may be submitted to Susan Taylor, chair of the committee, c/o Campus Senate Office. Deadline for written comments on proposals is March 30. Background materials are available at the Campus Senate Office. Call 454-4549 for information.

Journeying Toward the Stars



The following are excerpts from an address on "The Challenge of Undergraduate Education" made by J. Robert Dorfman, Vice President for Academic Affairs and Provost, at a recent Board of Regents' Conference on Undergraduate Education...



J. Robert Dorfman

"...I would like to begin by asking you to think about Dante's journey into the *Inferno*. He is led by Virgil, whose *Aeneid*, which told of the founding of Rome, represented for a medieval poet the greatest achievement of his parent civilization.

Among others, Dante confronts Ulysses. Although Dante himself still faces a long journey towards full knowledge, he has by now learned enough to chide the great Ulysses for the misdirection of his quest for knowledge, thus: "Consider the seed from which you sprang: You were not created to live like brutes, but to seek virtue and knowledge."

Today, the modern university plays the role of Virgil towards our students, our Dantes. Our task is to develop the creative and metaphysical aspects of human nature. Our responsibility is to help our students learn and grow so that they are prepared to deal with the inevitable problems of society that reflect the destructive and corrosive parts of human nature. We hope that they will graduate with...healthy skepticism and critical skills....

As a great undergraduate and graduate educational system, we focus on understanding the world and what it means to be humane, not brutish—what it means to nurture the seeds with which we are born into the flowers of intellect, not the weeds of greed, self-service, and destruction.

The university represents society's most progressive and most concentrated force for the improvement of society. A university brings values to the community—the values of common humanity and state pride when diverse members of its population learn to live and work together and to develop those relationships as they enter the larger community and the working world....

As human beings, we have the potential of reaching the moons of Neptune,

or sinking to the depths of repression, coercion and addiction.... Our purpose is to overwhelm the destructive impulses with constructive, scholarly, educational pursuits.

As it was for Dante, the point of the journey is the journey itself, undertaken with the hope that some illumination will come as we move through different stages. The space probe Voyager is on one of the greatest voyages of human civilization—a voyage to the planets that for millennia stood as remote symbols of human aspiration. Although Dante could not envision a space probe like Voyager, he felt the same impetus towards seeking knowledge, and he expressed it through an enduring symbol—each of the three parts of the *Divine Comedy* ends with the world "stelle," or star.

Perhaps the greatest challenge of undergraduate education is to bring our students to the point where they, too, measure their aspirations by the stars, secure in the knowledge that they have learned to ask the right questions and to interpret the world around them.

But there is more. The role of the university is not just star-gazing. Although the pursuit of knowledge and the development of analytical thinking must be the main aspirations of our programs, as a byproduct of intellectual activity, we do produce or discover useful things for society, often benefits that were completely unanticipated or for which we were unprepared.

Human beings may never reach the stars—literally—but the attempt itself affirms the positive qualities of our nature. We benefit from the Voyager probe in those intangible ways, but also in tangible ways—in the technological advances made in developing such projects....

Much of this requires dedicated and talented teachers. We must seek out and reward excellence in teaching, again redressing an imbalance in the faculty role. The respective weights given to research and teaching will vary among the institutions, depending on their individual missions. There must be a creative tension between a faculty member's development in a discipline and his or her interaction with undergraduates....

To succeed in fulfilling our mission is not only the challenge of higher education, but also the challenge to educators. We are fortunate in the inspiration of examples of great challenges met successfully in the near and far past. Both Dante and Voyager 2 undertook journeys into the unknown, to seek not only answers, but also to seek new questions to which there were no predicted answers. Both journeys involved difficult choices and sacrifices, the potential for disappointment, and an inability to see through the darkness of the inferno and deep space to the end.

This may also be true of our ambitious undertakings to revitalize undergraduate education. Some see the goals of quality and access as incompatible, and it is true that real hardships lie in the way, and real—if temporary—sacrifices of other important components of the total education experience. But some

sacrifices may have to be made in the short term, for the quality of the undergraduate experience is the underpinning for everything else we hope to do....

Both Dante's incomparable poem and the succeeding amazement of the Neptune voyage are what universities are all about—about ultimate art, ultimate science, characterized by a desire to learn and to know, to express spiritually through language, to satisfy curiosity

through tedious thousands of equations and measurements. Although the equations exist and the measurements exist and the language exists, a poem like the *Inferno* and the revelation of the panoply of wonder at the outermost reaches of our humble solar system do not exist without the habits of mind. It is the university's chief goal to cultivate: questioning, analysis, flexibility, and dissatisfaction with the status quo. ■

Women's Commission Honors Marilyn Brown

At a meeting of the President's Commission on Women's Affairs on March 12, Mary Ott, senior research analyst for Institutional Studies, presented a report on the FY '89 Faculty Study Review. Following her report, Institutional Studies director, Marilyn K. Brown, under whose leadership the study was instituted in 1981, was honored for her achievements and contributions to the university. She was presented with a citation containing the following resolution:

"Because of her dedication and commitment to working to improve the conditions of women's lives on campus;

"Because of her willingness to give her time and energies to the work of the Commission and the committees on which she has so well served;

"Because of her keen insights concerning ways of describing women's experiences through the language of numbers;

"Because of her extraordinary care in collecting, interpreting and presenting data fairly; and

"Because none of the progress in salary equity for women faculty and associate staff, in undergraduate women's education, in safety and security issues, and in reporting on the progress for



Marilyn K. Brown

women on campus would have been possible without her extraordinary insight and dedication;

"On this day of the 12th of March, 1990, be it resolved that we, the Members of the President's Commission on Women's Affairs, do set aside the regular Commission agenda to recognize the extraordinary achievements and contributions of our colleague, Marilyn K. Brown.

"For the Commission: Virginia W. Beauchamp, Chair; Mary C. Shipley, Secretary." ■

Former Prime Minister Visits Prange Collection



Noboru Takeshita, former prime minister of Japan, recently paid a private visit to McKeldin Library to view its noted Prange Collection, a compilation of historical documents from the period of the Allied occupation, widely used by scholars studying the rise of post-war Japan.